

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release January 30, 1959

Washington 25, D. C.

Vol. 8, No. 3

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 24, 1959

Revised cumulative figures for all categories of polio-myelitis, by division and State, for 1958 appear on page 2. These provisional figures include changes received through January 20, 1959.

Eight cases of poliomyelitis (3 paralytic and 5 unspecified) reported in Ohio for the week ended January 10, 1959 were identified later as delayed reports for 1958. These figures were subtracted from 1959 totals and added to 1958 totals.

EPIDEMIOLOGICAL REPORTS

Poliomyelitis

Dr. James R. Enright, Hawaii Department of Health, has submitted a case history of poliomyelitis in a 30-year-old male. The man became ill on December 13, 1958, with headache,

fever, pain in the back, and weakness of the legs. The weakness became worse and he was hospitalized on December 16. Respiratory difficulty and difficulty in swallowing quickly developed. The paralysis extended rapidly to involve both legs and the right hand. The man was placed in a respirator; he could speak during the expiration cycle, and his voice did not have a nasal quality. He stated that prior to development of the paralysis he had experienced tingling of his feet; he had not been skin diving. The paralysis gradually ascended, involving both legs and arms, and intercostal muscles. He died on December 18, with evidence of an overwhelming infection. A specimen of spinal fluid showed 19 cells and a protein level of more than 200 mg/percent. Poliovirus type 1 was isolated from the man's spinal cord. He had received no Salk vaccine.

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	3d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 24, 1959 ¹	Ended Jan. 25, 1958	Median 1954-58	First 3 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	-	-	1	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	11	9	11	33	36	42	(2)	(2)	(2)	(2)
Diphtheria-----055	32	15	35	83	55	131	695	853	1,395	July 1
Encephalitis, infectious-----082	22	27	19	69	63	56	1,810	1,376	1,376	June 1
Hepatitis, infectious, and serum-----092, 998.5 pt.	519	309	522	1,414	845	1,378	6,831	5,164	9,287	Sept. 1
Malaria-----110-117	3	-	1	4	-	10	(2)	(2)	(2)	(2)
Measles-----085	8,150	9,432	9,432	25,335	25,601	25,601	76,724	64,041	64,041	Sept. 1
Meningococcal infections-----057	49	55	84	175	174	230	1,038	1,183	1,197	Sept. 1
Meningitis, other-----340	67	43	-	180	142	-	-	-	-	-
Poliomyelitis-----080	19	21	117	65	58	351	5,907	5,458	28,622	Apr. 1
Paralytic-----080.0, 080.1	15	12	55	39	31	185	3,058	1,933	-	Apr. 1
Nonparalytic-----080.2	2	6	32	13	21	89	1,968	2,669	-	Apr. 1
Unspecified-----080.3	2	3	18	13	6	60	881	856	-	Apr. 1
Psittacosis-----096.2	3	1	4	7	4	9	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Typhoid fever-----040	16	13	27	38	38	63	937	1,068	1,522	Apr. 1
Typhus fever, endemic-----101	1	-	1	1	1	2	65	91	117	Apr. 1
Rabies in animals-----	83	79	124	227	248	298	84	1,146	1,392	Oct. 1

¹Data exclude reports from Montana, Nebraska, and Utah for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes 11 cases of aseptic meningitis; see footnotes to table 2.

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

REPORTED CASES OF POLIOMYELITIS: UNITED STATES, EACH DIVISION AND STATE, FOR 53 WEEKS, JANUARY 4, 1958, TO JANUARY 3, 1959

AREA	Total	Para-lytic	Nonpara-lytic	Unspeci-fied
CONT. UNITED STATES	6,061	3,140	2,023	898
NEW ENGLAND-----	92	56	32	4
Maine-----	5	5	-	-
New Hampshire-----	4	-	4	-
Vermont-----	6	5	1	-
Massachusetts-----	30	14	13	3
Rhode Island-----	3	3	-	-
Connecticut-----	44	29	14	1
MIDDLE ATLANTIC-----	723	397	188	138
New York-----	300	183	87	30
New Jersey-----	300	116	81	103
Pennsylvania-----	123	98	20	5
EAST NORTH CENTRAL-----	2,096	811	880	405
Ohio-----	414	119	44	251
Indiana-----	141	81	27	33
Illinois-----	245	93	104	48
Michigan-----	1,233	490	692	51
Wisconsin-----	63	28	13	22
WEST NORTH CENTRAL-----	428	232	138	58
Minnesota-----	32	25	7	-
Iowa-----	75	27	41	7
Missouri-----	188	141	40	7
North Dakota-----	52	30	17	5
South Dakota-----	14	1	-	13
Nebraska-----	35	4	29	2
Kansas-----	32	4	4	24
SOUTH ATLANTIC-----	910	527	253	130
Delaware-----	29	18	10	1
Maryland-----	27	22	5	-
District of Columbia-----	9	7	2	-
Virginia-----	161	134	23	4
West Virginia-----	212	134	65	13
North Carolina-----	111	46	65	-
South Carolina-----	35	23	5	7
Georgia-----	73	45	12	16
Florida-----	253	98	66	89
EAST SOUTH CENTRAL-----	405	209	148	48
Kentucky-----	88	70	18	-
Tennessee-----	134	59	57	18
Alabama-----	61	41	7	13
Mississippi-----	122	39	66	17
WEST SOUTH CENTRAL-----	793	534	245	14
Arkansas-----	33	31	2	-
Louisiana-----	81	56	25	-
Oklahoma-----	61	24	23	14
Texas-----	618	423	195	-
MOUNTAIN-----	205	95	44	66
Montana-----	68	42	15	11
Idaho-----	12	-	-	12
Wyoming-----	13	1	2	10
Colorado-----	20	15	4	1
New Mexico-----	40	17	6	17
Arizona-----	34	14	14	6
Utah-----	12	4	2	6
Nevada-----	6	2	1	3
PACIFIC-----	409	279	95	35
Washington-----	38	3	-	35
Oregon-----	42	28	14	-
California-----	329	248	81	-
Alaska-----	2	1	1	-
Hawaii-----	77	77	-	-
Puerto Rico-----	60	57	3	-

Dr. John M. Bruce, Louisiana Department of Health, reported that 75 cases of poliomyelitis were recorded in the State during 1958, of which 55 were paralytic. There was 1 death. Seven of the paralytic cases were in persons who had received 3 or more inoculations; 10 of the 20 nonparalytic cases were in persons with 3 or more inoculations. The types of virus isolated from persons who had been vaccinated were as follows: type 1 from 3 persons, type 3 from 1, no virus isolated from 10, and virus studies not complete for 12 persons. Among nonvaccinated persons type 1 was isolated from 12, type 2 from 8, type 3 from 9, no virus isolated from 14, and virus studies not complete for 6 persons. About 67 percent of the paralytic cases were in children under 5 years of age and about 16 percent in persons 20 years of age and over.

Information from the North Carolina State Board of Health shows that about 57 percent of the cases of paralytic poliomyelitis reported during 1958 were in children under 5 years of age. However, in the nonparalytic group only 16 percent of the cases were in persons of that age group, but almost 50 percent were in the age group 5-9 years. About 13 percent of the persons with paralytic illness had received 3 or more inoculations. One death previously ascribed to poliomyelitis has been reconsidered as due to acute inclusion encephalitis, leaving 3 deaths due to poliomyelitis. Also a number of cases of nonparalytic poliomyelitis have been reclassified as aseptic meningitis following demonstration of ECHO 9 virus as the agent causing the illness.

Diphtheria

The Mississippi Morbidity Report for the week ended January 16, 1958, contains a summary of diphtheria incidence in the State since July 1, 1958, through January 2, 1959. A total of 38 cases has been reported by 18 counties. In the 6 months preceding July only 5 cases had been reported. Of the 38 cases, 10 had onset during October and 11 during December. Sixteen of the cases were in children under 5 years of age and 9 were in the age group 5-9 years. Most of the cases were in nonwhite persons and in males. Immunization status has been verified for 27 cases. Of these, 22 persons, including 2 who died, had never received diphtheria toxoid. Five persons gave a history of at least partial immunization. All of these recovered without complication.

Infectious hepatitis

Dr. Morris Greenberg, New York City Health Department, has supplied information on 4 cases of infectious hepatitis in persons of 2 related families living on separate floors of an apartment building. According to Dr. Harold T. Fuerst, who investigated the outbreak, the 4 persons became ill between October 1 and December 23, 1958. The first case developed in a 23-year-old white male who had been addicted to intravenous heroin for 5 months prior to the onset of hepatitis. The other 3 persons, a 13-year-old boy and 18- and 21-year-old females, denied drug addiction and presented no evidence of such addiction on inspection. Liver function tests for each person were compatible with the diagnosis of infectious hepatitis. Investigation did not reveal the source of the infection.

Salmonellosis

Dr. F. R. Philbrook, Massachusetts Department of Public Health, and Dr. John C. Ayers reported an outbreak of salmonellosis in 2 hospitals which used the same utilities and

Continued on page 8

Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 25, 1958, AND JANUARY 24, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever)		DIPHTHERIA OSS				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		31 week		Cumulative first 3 weeks		092		3d week		Cumulative first 3 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	11	9	32	15	83	55	22	27	519	309	1,414	845
NEW ENGLAND-----	-	-	-	1	1	2	2	2	7	9	45	27
Maine-----	-	-	-	-	-	-	-	-	1	-	12	1
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	-	1	1	2	1	2	4	4	18	17
Rhode Island-----	-	-	-	-	-	-	1	-	2	5	6	5
Connecticut-----	-	-	-	-	-	-	-	-	-	-	9	4
MIDDLE ATLANTIC-----	1	1	-	-	1	3	3	2	83	41	207	104
New York-----	1	-	-	-	1	2	1	1	45	18	98	57
New Jersey-----	-	-	-	-	-	-	-	1	10	6	39	12
Pennsylvania-----	-	1	-	-	-	1	2	-	28	17	70	35
EAST NORTH CENTRAL-----	-	1	4	2	9	3	3	4	88	55	213	131
Ohio-----	-	-	-	2	3	2	1	1	26	10	86	29
Indiana-----	-	-	-	-	-	-	-	-	7	5	20	16
Illinois-----	-	1	3	-	5	-	-	2	11	12	27	31
Michigan-----	-	-	-	-	-	1	1	1	40	25	71	49
Wisconsin-----	-	-	1	-	1	-	1	-	4	3	9	6
WEST NORTH CENTRAL ¹ -----	7	2	1	-	1	3	1	1	34	14	133	44
Minnesota-----	-	-	-	-	-	-	-	-	4	3	28	9
Iowa-----	2	-	1	-	1	1	-	-	2	7	17	12
Missouri-----	-	-	-	-	-	-	1	1	12	-	35	11
North Dakota-----	1	-	-	-	-	1	-	-	5	1	24	8
South Dakota-----	-	2	-	-	-	-	-	-	1	-	2	-
Nebraska-----	-	-	-	-	1	1	-	-	-	-	17	1
Kansas-----	4	-	-	-	-	-	-	-	10	3	20	3
SOUTH ATLANTIC-----	2	-	7	2	14	17	3	7	66	24	152	69
Delaware-----	-	-	-	-	-	-	-	-	5	1	6	2
Maryland-----	-	-	-	-	-	1	1	-	21	4	61	6
District of Columbia-----	-	-	-	-	-	-	-	-	2	-	3	-
Virginia-----	-	-	1	-	1	5	-	1	4	6	20	24
West Virginia-----	-	-	-	-	1	1	-	-	17	2	31	9
North Carolina-----	-	-	-	-	3	2	2	4	9	4	17	6
South Carolina-----	-	-	2	1	2	2	-	-	1	-	5	1
Georgia-----	2	-	3	1	5	6	-	2	2	3	4	6
Florida-----	-	-	1	-	3	-	-	-	5	4	5	15
EAST SOUTH CENTRAL-----	-	-	6	3	16	8	-	-	68	35	119	100
Kentucky-----	-	-	-	-	-	1	-	-	54	15	70	56
Tennessee-----	-	-	-	-	2	1	-	-	4	15	20	28
Alabama-----	-	-	1	3	2	5	-	-	3	3	17	12
Mississippi-----	-	-	5	-	12	1	-	-	7	2	12	4
WEST SOUTH CENTRAL-----	1	1	11	6	34	15	2	-	19	27	63	70
Arkansas-----	-	-	4	1	12	2	1	-	3	1	6	6
Louisiana-----	-	1	3	-	10	-	-	-	-	-	2	1
Oklahoma-----	1	-	-	2	-	3	1	-	2	-	6	14
Texas-----	-	-	4	3	12	10	-	-	14	26	49	49
MOUNTAIN ¹ -----	-	1	2	1	5	3	-	-	66	49	238	124
Montana-----	-	-	-	-	1	1	-	-	-	9	12	20
Idaho-----	-	-	-	-	-	-	-	-	12	5	46	14
Wyoming-----	-	-	-	-	-	-	-	-	1	-	26	1
Colorado-----	-	1	2	1	2	2	-	-	17	3	60	12
New Mexico-----	-	-	-	-	3	-	-	-	22	12	46	30
Arizona-----	-	-	-	-	-	-	-	-	14	12	40	29
Utah-----	-	-	-	-	1	-	-	-	-	6	17	15
Nevada-----	-	-	-	-	-	-	-	-	-	2	1	3
PACIFIC-----	-	3	1	-	2	1	8	11	88	55	244	176
Alaska-----	-	-	-	-	-	-	-	-	-	-	2	(8)
Washington-----	-	-	-	-	-	-	-	-	25	11	48	31
Oregon-----	-	-	1	-	1	1	-	1	14	6	49	22
California-----	-	3	-	-	1	-	8	10	49	38	145	123
Hawaii-----	-	-	-	-	-	-	-	-	2	3	6	4
Puerto Rico-----	-	-	-	-	3	1	-	-	5	2	7	8

¹Data exclude reports from Nebraska, Montana, and Utah for the current week.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 25, 1958, AND JANUARY 24, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total ²				Paralytic 080.0, 080.1				Nonparalytic		085	
	3d week		Cumulative first 3 weeks		3d week		Cumulative first 3 weeks		080.2			
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	19	21	65	58	15	12	39	31	2	6	8,150	9,431
NEW ENGLAND-----	1	2	2	2	1	2	2	2	-	-	702	958
Maine-----	-	2	-	2	-	2	-	2	-	-	25	73
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	5	60
Vermont-----	1	-	1	-	1	-	1	-	-	-	133	9
Massachusetts-----	-	-	1	-	-	-	1	-	-	-	81	634
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	2	45
Connecticut-----	-	-	-	-	-	-	-	-	-	-	456	137
MIDDLE ATLANTIC-----	1	2	10	5	-	2	1	3	1	-	2,005	1,493
New York-----	-	2	4	5	-	2	-	3	-	-	301	1,104
New Jersey-----	-	-	-	-	-	-	-	-	-	-	649	192
Pennsylvania-----	1	-	6	-	-	-	1	-	1	-	1,055	197
EAST NORTH CENTRAL-----	1	1	4	5	-	1	1	4	-	-	1,088	2,397
Ohio-----	1	-	4	1	-	-	1	-	-	-	185	303
Indiana-----	-	-	-	1	-	-	-	1	-	-	157	101
Illinois-----	-	-	-	-	-	-	-	-	-	-	213	262
Michigan-----	-	-	-	2	-	-	-	2	-	-	249	324
Wisconsin-----	-	1	-	1	-	1	-	1	-	-	284	1,407
WEST NORTH CENTRAL ¹ -----	3	-	7	1	2	-	4	1	-	-	1,062	109
Minnesota-----	-	-	-	-	-	-	-	-	-	-	21	25
Iowa-----	-	-	-	-	-	-	-	-	-	-	732	55
Missouri-----	3	-	5	-	2	-	4	-	-	-	80	14
North Dakota-----	-	-	-	-	-	-	-	-	-	-	228	13
South Dakota-----	-	-	1	1	-	-	-	1	-	-	1	-
Nebraska-----	-	-	1	-	-	-	1	-	-	-	-	2
Kansas-----	-	-	1	-	-	-	-	-	-	-	(*)	(*)
SOUTH ATLANTIC-----	4	6	12	13	4	-	7	4	-	4	653	1,025
Delaware-----	-	-	-	-	-	-	-	-	-	-	8	12
Maryland-----	-	-	-	-	-	-	-	-	-	-	32	319
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	6	31
Virginia-----	1	-	1	-	1	-	1	-	-	-	268	145
West Virginia-----	1	-	2	-	1	-	2	-	-	-	154	286
North Carolina-----	-	-	-	4	-	-	-	2	-	-	78	26
South Carolina-----	-	-	-	1	-	-	-	-	-	-	47	153
Georgia-----	-	-	-	-	-	-	-	-	-	-	8	43
Florida-----	2	6	9	8	2	-	4	2	-	4	52	10
EAST SOUTH CENTRAL-----	3	1	6	8	2	1	4	3	1	-	519	1,376
Kentucky-----	1	1	1	6	1	1	1	3	-	-	206	542
Tennessee-----	-	-	-	1	-	-	-	-	-	-	264	705
Alabama-----	-	-	1	-	-	-	-	-	-	-	40	86
Mississippi-----	2	-	4	1	1	-	3	-	1	-	9	43
WEST SOUTH CENTRAL-----	2	4	14	9	2	3	11	7	-	1	612	846
Arkansas-----	-	-	6	-	-	-	6	-	-	-	2	52
Louisiana-----	-	2	-	4	-	1	-	3	-	1	6	12
Oklahoma-----	1	-	2	-	1	-	2	-	-	-	7	45
Texas-----	1	2	6	5	1	2	3	4	-	-	597	737
MOUNTAIN ¹ -----	1	1	2	3	1	-	1	-	-	-	408	524
Montana-----	-	-	1	-	-	-	1	-	-	-	-	93
Idaho-----	-	-	-	-	-	-	-	-	-	-	8	94
Wyoming-----	-	-	-	-	-	-	-	-	-	-	16	2
Colorado-----	-	-	-	-	-	-	-	-	-	-	238	68
New Mexico-----	1	-	2	1	1	-	1	-	-	-	18	161
Arizona-----	-	-	-	1	-	-	-	-	-	-	125	68
Utah-----	-	1	1	1	-	-	1	-	-	-	-	35
Nevada-----	-	-	-	-	-	-	-	-	-	-	3	3
PACIFIC-----	3	4	8	12	3	3	8	7	-	1	1,101	703
Alaska-----	-	-	-	-	-	-	-	-	-	-	56	-
Washington-----	-	-	-	-	-	-	-	-	-	-	239	149
Oregon-----	-	-	1	-	-	-	1	-	-	-	122	242
California-----	3	4	7	12	3	3	7	7	-	1	684	312
Hawaii-----	-	-	3	1	-	-	3	1	-	-	29	2
Puerto Rico-----	-	-	1	3	-	-	1	2	-	-	75	59

¹Data exclude reports from Nebraska, Montana, and Utah for the current week.²Includes cases not specified by type, category number 080.3.

Morbidity and Mortality Weekly Report

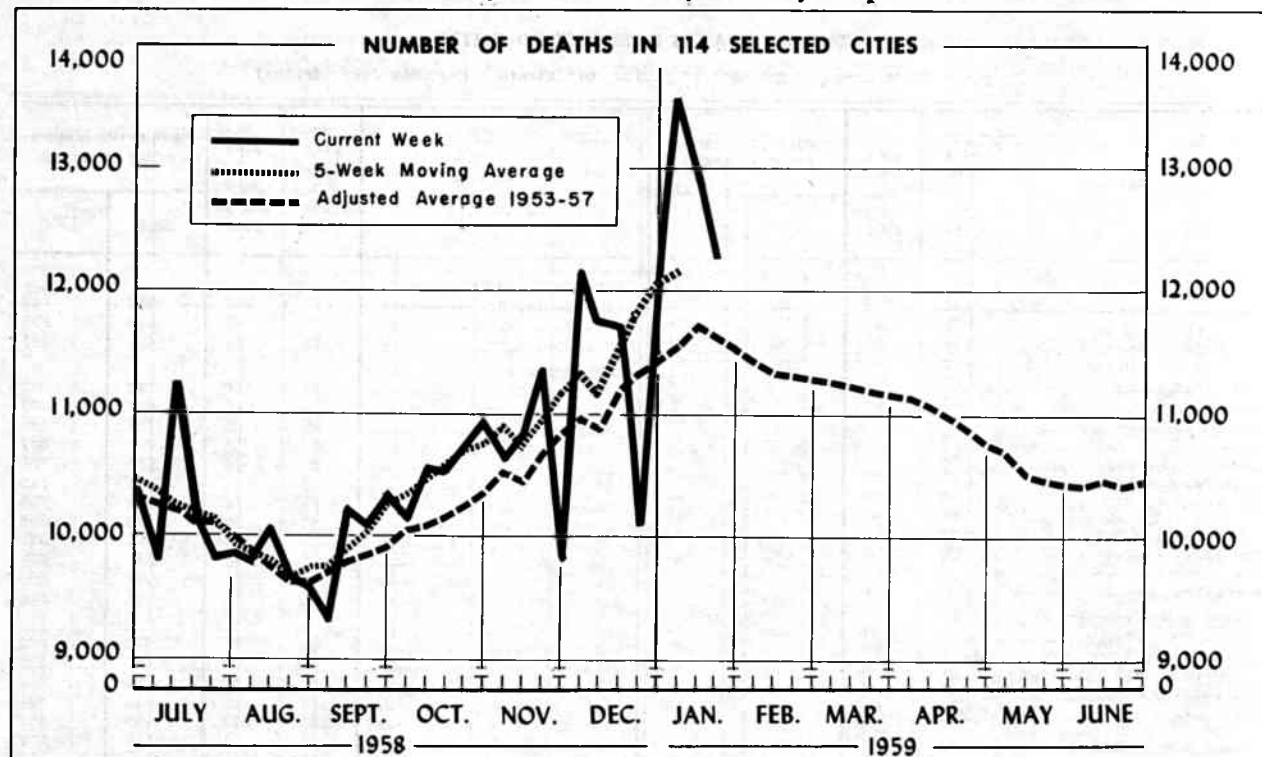
5

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 25, 1958, AND JANUARY 24, 1959--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117	057		340	096.2	3d week		Cumulative first 3 weeks		101		
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	3	49	55	67	3	16	13	38	38	1	83	79
NEW ENGLAND-----	-	1	2	12	-	-	-	-	1	-	-	-
Maine-----	-	-	-	1	-	-	-	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	-	11	-	-	-	-	1	-	-	-
Rhode Island-----	-	1	-	-	-	-	-	-	-	-	-	-
Connecticut-----	-	-	2	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	-	7	2	-	-	-	1	4	6	-	2	1
New York-----	-	1	1	-	-	-	-	2	1	-	1	-
New Jersey-----	-	1	1	-	-	-	1	1	1	-	-	-
Pennsylvania-----	-	5	-	-	-	-	-	1	4	-	1	1
EAST NORTH CENTRAL-----	-	9	16	11	2	2	2	2	6	-	9	8
Ohio-----	-	4	4	-	-	2	-	2	-	-	-	-
Indiana-----	-	-	1	3	-	-	2	-	4	-	3	5
Illinois-----	-	1	3	8	-	-	-	-	-	-	-	1
Michigan-----	-	3	7	-	1	-	-	-	2	-	1	-
Wisconsin-----	-	1	1	-	1	-	-	-	-	-	5	2
WEST NORTH CENTRAL ¹ -----	-	1	1	2	-	2	2	3	8	-	20	13
Minnesota-----	-	-	-	1	-	-	1	-	1	-	8	7
Iowa-----	-	-	-	-	-	-	-	-	3	-	2	2
Missouri-----	-	-	1	-	-	1	-	1	3	-	9	1
North Dakota-----	-	1	-	-	-	-	-	1	-	-	1	3
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	1	1	1	-	-	-
Kansas-----	-	-	-	1	-	1	-	1	-	-	-	-
SOUTH ATLANTIC-----	-	10	12	13	-	3	4	8	5	-	18	37
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	-	2	-	-	-	-	1	-	-	-
District of Columbia-----	-	1	-	-	-	-	-	-	-	-	-	-
Virginia-----	-	4	5	3	-	1	-	1	-	-	5	15
West Virginia-----	-	2	-	-	-	1	-	1	1	-	1	11
North Carolina-----	-	1	1	-	-	1	3	1	3	-	-	1
South Carolina-----	-	-	1	2	-	-	-	1	-	-	-	2
Georgia-----	-	-	4	-	-	-	-	-	-	-	6	7
Florida-----	-	2	1	6	-	1	-	4	-	-	6	1
EAST SOUTH CENTRAL-----	-	2	5	8	-	2	2	5	4	-	15	5
Kentucky-----	-	-	-	2	-	1	-	1	-	-	9	-
Tennessee-----	-	1	-	6	-	-	1	1	2	-	2	2
Alabama-----	-	1	2	-	-	1	-	2	1	-	4	2
Mississippi-----	-	-	3	-	-	-	1	1	1	-	-	1
WEST SOUTH CENTRAL-----	-	2	11	10	-	2	1	7	6	1	16	11
Arkansas-----	-	2	-	1	-	-	-	2	-	-	2	2
Louisiana-----	-	-	8	-	-	1	1	3	1	-	-	1
Oklahoma-----	-	-	1	1	-	1	-	1	-	-	-	1
Texas-----	-	-	2	8	-	-	-	1	5	1	14	7
MOUNTAIN ¹ -----	-	-	1	2	-	2	-	3	-	-	1	1
Montana-----	-	-	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	1	-	1	-	-	-	-
Wyoming-----	-	-	-	-	-	1	-	1	-	-	-	-
Colorado-----	-	-	1	1	-	-	-	-	-	-	-	-
New Mexico-----	-	-	-	-	-	-	-	1	-	-	-	-
Arizona-----	-	-	-	1	-	-	-	-	-	-	1	1
Utah-----	-	-	-	-	-	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	17	5	9	1	3	1	6	2	-	2	3
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Washington-----	-	1	1	3	-	-	-	-	-	-	-	-
Oregon-----	-	1	2	-	-	-	-	-	-	-	-	-
California-----	3	15	2	6	1	3	1	6	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	-	-	-	-	-

¹Data exclude reports from Nebraska, Montana, and Utah for the current week.²Includes 5 cases of aseptic meningitis.³Aseptic meningitis.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	3d week ended Jan. 24, 1959	2d week ended Jan. 17, 1959	Adjusted average, 3d week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 3 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	12,257	12,914	11,652	+5.2	38,746	39,313	-1.4
New England----- (14 cities)	773	845	777	-0.5	2,420	2,362	+2.5
Middle Atlantic----- (20 cities)	3,657	3,777	3,429	+6.6	11,206	11,549	-3.0
East North Central----- (19 cities)	2,505	2,548	2,499	+0.2	7,998	8,466	-5.5
West North Central----- (9 cities)	810	917	816	-0.7	2,717	2,614	+3.9
South Atlantic----- (11 cities)	1,035	1,113	989	+4.7	3,337	3,395	-1.7
East South Central----- (8 cities)	538	682	546	-1.5	1,834	1,933	-5.1
West South Central----- (13 cities)	1,083	1,092	938	+15.5	3,368	3,429	-1.8
Mountain----- (8 cities)	348	396	279	+24.7	1,088	1,018	+6.9
Pacific----- (12 cities)	1,508	1,554	1,423	+6.0	4,778	4,547	+5.1

¹Adjusted average used as base.

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	3d week ended Jan. 24, 1959	2d week ended Jan. 17, 1959	CUMULATIVE NUMBER FIRST 3 WEEKS	
			1959	1958
NEW ENGLAND:				
Boston, Mass.-----	270	283	831	793
Bridgeport, Conn.-----	36	40	124	139
Cambridge, Mass.-----	36	31	101	98
Fall River, Mass.-----	22	28	85	87
Hartford, Conn.-----	57	61	165	163
Lowell, Mass.-----	23	27	73	92
Lynn, Mass.-----	27	34	79	75
New Bedford, Mass.-----	15	28	72	99
New Haven, Conn.-----	48	57	157	145
Providence, R. I.-----	77	82	250	242
Somerville, Mass.-----	9	18	46	46
Springfield, Mass.-----	60	43	153	139
Waterbury, Conn.-----	28	40	88	90
Worcester, Mass.-----	65	73	196	154
MIDDLE ATLANTIC:				
Albany, N. Y.-----	59	58	183	163
Allentown, Pa.-----	34	43	114	124
Buffalo, N. Y.-----	138	148	415	578
Camden, N. J.-----	36	45	141	154
Elizabeth, N. J.-----	27	37	95	103
Erie, Pa.-----	35	50	131	116
Jersey City, N. J.-----	113	75	311	280
Newark, N. J.-----	125	109	365	389
New York City, N. Y.-----	1,760	1,862	5,600	5,795
Paterson, N. J.-----	40	42	141	164
Philadelphia, Pa.-----	632	665	1,828	1,805
Pittsburgh, Pa.-----	195	244	675	740
Reading, Pa.-----	28	20	77	62
Rochester, N. Y.-----	131	115	339	309
Schenectady, N. Y.-----	36	26	86	87
Scranton, Pa.-----	47	42	122	102
Syracuse, N. Y.-----	82	63	208	202
Trenton, N. J.-----	69	67	177	182
Utica, N. Y.-----	28	32	90	94
Yonkers, N. Y.-----	42	34	108	100
EAST NORTH CENTRAL:				
Akron, Ohio-----	56	67	199	197
Canton, Ohio-----	34	32	98	94
Chicago, Ill.-----	753	797	2,436	2,902
Cincinnati, Ohio-----	161	201	571	550
Cleveland, Ohio-----	275	211	732	705
Columbus, Ohio-----	109	133	392	391
Dayton, Ohio-----	69	58	209	246
Detroit, Mich.-----	370	341	1,066	1,050
Evansville, Ind.-----	34	30	116	127
Flint, Mich.-----	30	37	133	131
Fort Wayne, Ind.-----	29	36	112	127
Gary, Ind.-----	29	50	124	116
Grand Rapids, Mich.-----	40	51	137	149
Indianapolis, Ind.-----	156	150	541	399
Madison, Wis.-----	(24)	(22)	(71)	(81)
Milwaukee, Wis.-----	141	144	473	508
Peoria, Ill.-----	27	25	90	108
Rockford, Ill.-----	(28)	(39)	(97)	(96)
South Bend, Ind.-----	27	34	85	77
Toledo, Ohio-----	119	90	310	405
Youngstown, Ohio-----	46	61	174	184
WEST NORTH CENTRAL:				
Des Moines, Iowa-----	56	63	176	200
Duluth, Minn.-----	18	31	77	85
Kansas City, Kans.-----	28	23	83	95
Kansas City, Mo.-----	140	149	447	370
Lincoln, Nebr.-----	(22)	(28)	(84)	(97)
Minneapolis, Minn.-----	141	125	404	376
Omaha, Nebr.-----	83	96	273	222
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.-----	232	285	846	869
St. Paul, Minn.-----	71	70	230	256
Wichita, Kans.-----	41	75	181	141
SOUTH ATLANTIC:				
Atlanta, Ga.-----	115	126	393	377
Baltimore, Md.-----	250	285	827	877
Charlotte, N. C.-----	25	63	127	98
Jacksonville, Fla.-----	71	53	205	257
Miami, Fla.-----	92	66	221	223
Norfolk, Va.-----	53	50	166	119
Richmond, Va.-----	81	74	255	255
Savannah, Ga.-----	47	36	130	139
St. Petersburg, Fla.-----	(81)	(81)	(246)	(236)
Tampa, Fla.-----	66	79	235	239
Washington, D. C.-----	190	232	647	698
Wilmington, Del.-----	45	49	131	113
EAST SOUTH CENTRAL:				
Birmingham, Ala.-----	84	91	313	302
Chattanooga, Tenn.-----	45	52	164	191
Knoxville, Tenn.-----	28	42	93	102
Louisville, Ky.-----	118	192	413	426
Memphis, Tenn.-----	128	137	439	407
Mobile, Ala.-----	31	54	112	159
Montgomery, Ala.-----	38	31	95	132
Nashville, Tenn.-----	66	83	205	214
WEST SOUTH CENTRAL:				
Austin, Tex.-----	33	20	82	101
Baton Rouge, La.-----	39	46	129	116
Corpus Christi, Tex.-----	21	11	62	77
Dallas, Tex.-----	112	145	420	348
El Paso, Tex.-----	39	39	118	129
Fort Worth, Tex.-----	75	60	196	200
Houston, Tex.-----	190	254	564	578
Little Rock, Ark.-----	76	53	224	172
New Orleans, La.-----	179	173	559	676
Oklahoma City, Okla.-----	85	82	254	268
San Antonio, Tex.-----	132	98	361	404
Shreveport, La.-----	58	66	224	177
Tulsa, Okla.-----	44	45	175	183
MOUNTAIN:				
Albuquerque, N. Mex.-----	32	34	110	68
Colorado Springs, Colo.-----	13	24	57	43
Denver, Colo.-----	119	135	380	416
Ogden, Utah-----	19	14	52	48
Phoenix, Ariz.-----	64	81	209	176
Pueblo, Colo.-----	15	13	42	41
Salt Lake City, Utah-----	52	64	165	158
Tucson, Ariz.-----	34	21	73	68
PACIFIC:				
Berkeley, Calif.-----	18	30	70	59
Fresno, Calif.-----	(37)	(52)	(137)	(116)
Glendale, Calif.-----	(39)	(45)	(115)	(101)
Long Beach, Calif.-----	65	67	194	192
Los Angeles, Calif.-----	588	524	1,738	1,639
Oakland, Calif.-----	102	120	326	310
Pasadena, Calif.-----	28	36	106	119
Portland, Oreg.-----	125	107	426	365
Sacramento, Calif.-----	49	61	173	153
San Diego, Calif.-----	103	88	291	290
San Francisco, Calif.-----	190	272	694	722
San Jose, Calif.-----	(28)	(34)	(92)	(66)
Seattle, Wash.-----	153	159	468	422
Spokane, Wash.-----	55	46	171	159
Tacoma, Wash.-----	32	44	121	117
Honolulu, Hawaii-----	(51)	(49)	(141)	(121)

EPIDEMIOLOGICAL REPORTS—Continued

food services. Stool specimens were obtained from 175 persons and 49 were positive for *Salmonella enteritidis*. The dates of onset were from October 7 to October 14, but within 48 hours of the first illness there were more than 40 persons with diarrhea; these cases were on all floors and in all units of both hospitals. Eighteen of the 49 persons were in one hospital and 31 in the other. Six persons were employees of the latter hospital. No carriers of the organism could be identified among food handlers from whom stool specimens were examined. Large amounts of poultry (chicken and turkey) had been served during the 3 days preceding the outbreak. It was also reported that recently there have been quite a few sporadic cases of acute diarrhea in the community, but confirmation of a specific type of infection by laboratory examination was not obtained.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported

GPO 9 43285

If you do not desire to continue receiving this publication, please check here and return. ☐

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

FIRST CLASS MAIL

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.
Official Business

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.